Power Load Factor of Power Plant

2123. SHRIMATI VEENA VERMA:
SHRI SUSHILKUMAR SAMBHAJIRAO SHINDE:
SHRI RAJUBHAI A. PARMAR:

Will the Minister of POWER be pleasd to state:

(a) the power load factor of the power plant under different State and Central Electricity Boards during 1995-96, 1996-97; and

(b) what steps have been and are being taken to improve the power load factor; what is the international average power load factor and by what time the international level is likely to be reached by India, sector-wise and for the country taken as a whole?

THE MINISTER OF STATE OF THE MINISTRY OF SCIENCE AND TECHNOLOGY AND THE MINISTER OF STATE OF THE MINISTRY OF POWER (SHRI YOGINDER K. ALAGH): (a) Sector wise Plant Load Factor (PLF) of Thermal Power Stations during 1995-96 and 1996-97 is given below :—

PLANT LOAD FACTOR (%)

Sector	1995-96	1996-97
Central Sector	70.9	71.0
State Sector	58.0	60.3
Private Sector	72.3	71·2
All India	63.0	64.4

(b) The steps being taken for optimum utilisation of installed capacity of thermal power stations are Renovation and Modernisation of old units, proper preventive maintenance schedule, periodical overhauling of equipment, incentive scheme for economic and efficient operation, implementation of a scheme for energy audit. Effective monitoring mechanism with the involvement of Railways and Coal companies to ensure supply of coal to the thermal power stations.

The performance of thermal power stations in developed countries is generally judged by availability factor and not on Plant Load Factor as is done in India. According to Common Minimum National Action Plan on Power evolved after deliberations by the Chief Ministers, it was agreed that the PLF of those thermal power stations having less than 40 per cent PLF at present would be increased by 3 per cent annually, by 2 per cent in case of those plants with PLF between 40 per cent and 60 per cent by 1 per cent for those plants with PLF over 60 per cent to achieve overall PLF in the State Sector to a minimum of 65 per cent and the National average to 70 per cent by 2002 A.D.

Installed capacity of Chamera Power Plant

2124. SHRI S. M. KRISHNA: Will the Minister of POWER be pleased to state:

(a) the installed capacity of three units, unit-wise of Chamera power plant and the details of capacity utilisation as on date;

(b) whether it is a fact that one unit of the plant is out of operation causing 100 crore loss to NHPC as reported in the Hindustan Times dated July 13, 1997;

(c) what are the reasons of closure;

(d) the details of terms and condition fixed with the SNC. Acres, the foreign firm constructed the unit;

(e) whether the technical problem of the unit has since been located if so by